

In re Application of LUCOVSKY et al.
Serial No. 10/021,316

Listing of the Claims:

1-3 (cancelled)

4. (currently amended) In a computer network, a method comprising,

receiving a request from a device having a service running thereon using a service to service protocol to retrieve contacts data from a data store, the request including associated identity information;

reading from the data store to obtain contacts data in response to the request, wherein access to the data store is based on the associated identity information;

constructing a contacts document including at least part of the requested contacts data and including a defined identity-based schema for contacts data, the defined schema operable to be interpreted by the service running on the device; and

returning the contacts document to the device in response to the request.

5. (original) The method of claim 4 wherein the schema includes at least one defined field for extending the schema.

6. (previously presented) The method of claim 5 wherein the at least one defined field comprises data corresponding to a contacts display name.

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7. (previously presented) The method of claim 5 wherein the at least one defined field comprises data corresponding to a contacts protocol.
8. (previously presented) The method of claim 5 wherein the at least one defined field comprises data corresponding to a phone number.
9. (previously presented) The method of claim 5 wherein the at least one defined field comprises data corresponding to an email address.
10. (previously presented) The method of claim 5 wherein the at least one defined field comprises data corresponding to a mailing address.
11. (previously presented) The method of claim 5 wherein the at least one defined field comprises data corresponding to a title.
12. (previously presented) The method of claim 5 wherein the at least one defined field comprises data corresponding to a second phone number.
13. (previously presented) The method of claim 5 wherein the at least one defined field comprises data corresponding to second email address.

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14. (currently amended) A computer-readable medium having computer-executable instructions for:

receiving a request from a device having a service running thereon using a service to service protocol to retrieve contacts data from a data store, the request including associated identity information;

reading from a the data store to obtain contacts data in response to the request, wherein access to the data store is based on the associated identity information;

constructing a contacts document including at least part of the requested contacts data and including a defined identity-based schema for contacts data, the defined schema operable to be interpreted by the service running on the device; and

returning the contacts document to the device in response to the request.

15. (previously presented) The computer-readable medium of claim 14 wherein the schema comprises at least one defined field for extending the schema.

16. (currently amended) In a computer network, a method comprising:

accessing a network using a device, the accessing including providing associated identity information corresponding to the device;

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requesting contacts data stored in a data store from a service accessible via the network using a service to service protocol, the request including the associated identity information;

determining if the request is an allowable request based on the associated identity information; and

if the request is allowable, returning a contacts document to the device, the contacts document including at least part of the requested contacts data and including a an identity-based schema associated with the service.

17. (previously presented) The method of claim 16 wherein the document comprises a contacts document.

18. (previously presented) The method of claim 16 wherein the service comprises a contacts service.

19. (previously presented) The method of claim 16 wherein the schema comprises a contacts schema.

20. (previously presented) The method of claim 16, further comprising manipulating the contacts data requested if the request is determined to be an allowable request.

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21. (previously presented) The method of claim 20 wherein the manipulating comprises a query manipulation.
22. (previously presented) The method of claim 20 wherein the manipulating comprises an insert manipulation.
23. (previously presented) The method of claim 20 wherein the manipulating comprises a delete manipulation.
24. (previously presented) The method of claim 20 wherein the manipulating comprises an update manipulation.
25. (previously presented) The method of claim 20 wherein the manipulating comprises a replace manipulation.
26. (previously presented) The method of claim 20 wherein the manipulating comprises a send message manipulation.
27. (previously presented) The method of claim 20 wherein the manipulating comprises a save message manipulation.
28. (previously presented) The method of claim 20 wherein the manipulating comprises a copy message manipulation.

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29. (currently amended) A computer-readable medium having computer-executable instructions for:

accessing a network using a device, the accessing including providing associated identity information corresponding to the device;

requesting contacts data stored in a data store from a service accessible via the network using a service to service protocol, the request including the associated identity information;

determining if the request is an allowable request based on the associated identity information; and

if the request is allowable, returning a contacts document to the device, the contacts document including at least part of the requested contacts data and including a an identity-based schema associated with the service.

30. (previously presented) The computer-readable medium of claim 29 having further computer-executable instructions for sending the constructed contacts document to a source of the request.

31. (previously presented) The computer-readable medium of claim 29 having further computer-executable instructions for determining if the request is an allowable request based on the associated identity information.

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32. (previously presented) The computer-readable medium of claim 29 having further computer-executable instructions for manipulating data stored in a data store based on the request for data.

33. (previously presented) The computer-readable medium of claim 29 having further computer-executable instructions for denying the request for data based on the associated identity information.

34. (previously presented) The computer-readable medium of claim 29 having further computer-executable instructions for constructing the document in an extensible markup language.

35. (currently amended) In a computer network, a method comprising,
receiving a request from a device having a service running thereon to manipulate contacts data in a logical contacts document that is stored in a data store, the request including associated identity information and in the form of a first content document having a defined identity-based schema for contacts data;
determining a scope of access rights based on the identity information, the scope determined according to the contacts schema having contacts-related fields arranged into a second access-control content document with defined structures for the fields;
determining if the request is within the scope; and

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if the request is within the scope, manipulating at least one set of data in the logical contacts document, each set of data in the logical contacts document structured to correspond to a field in the first content document.

36. (previously presented) The method of claim 35 wherein manipulating at least one set of data comprises reading data from at least one field in the logical contacts document.

37. (previously presented) The method of claim 35 wherein manipulating at least one set of data comprises writing data to at least one field in the logical contacts document.